

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please cancel claims 11 and 20 without prejudice.

Please add new claim 43.

Please amend claims 1, 8, 9, 17, 21, 27, 34 and 38 as indicated below (material to be inserted is in **bold and underline**, material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets ([]):

Listing of Claims:

1. (Currently Amended) A portable projector, comprising
a light engine; and
a projector housing having a closed configuration and an open configuration, wherein, in the closed configuration, the projector housing at least partially encloses the light engine, and in the open configuration, the projector housing supports the light engine **in an upright orientation with the light engine suspended downward from the projector housing.**
2. (Original) The portable projector of claim 1, wherein the light engine has a compact state and an expanded state, and wherein, in the closed configuration, the projector housing encloses the light engine in its compact state, and in the open configuration, the projector housing supports the light engine in its expanded state.

Page 4 - AMENDMENT
Serial No. 10/723,235
HP Docket No. 200300703-1
KH Docket No. HPCC 3B4

3. (Original) The portable projector of claim 2, wherein, the light engine is inoperative in its compact state, and operative in its expanded state.
4. (Original) The portable projector of claim 3, wherein the light engine includes optical components, and the optical components are configured so that when the light engine is in its expanded state, the optical components are properly aligned and oriented for operation of the light engine.
5. (Original) The portable projector of claim 1, wherein the light engine includes reflective optics.
6. (Original) The portable projector of claim 1, wherein the light engine includes polymer refractive elements.
7. (Original) The portable projector of claim 1, wherein the light engine is at least partially enclosed by a light engine housing.
8. (Currently Amended) The portable projector of claim 7, wherein when the projector housing is in the open configuration, the projector housing **pivots at a top and opens at a bottom** to form a support for the light engine housing.
9. (Currently Amended) The portable projector of claim 8, wherein the support is an upright support, and the light engine housing depends from **the top of** the projector housing.
10. (Original) The portable projector of claim 9, wherein the light engine housing pivotally depends from the projector housing.
11. (Cancelled).

12. (Original) The portable projector of claim 1, wherein the projector housing includes a first portion and a second portion, wherein the first and second portion are pivotally connected such that rotating the pivotal connection converts the closed configuration of the projector housing to the open configuration of the projector housing.

13. (Original) The portable projector of claim 12, wherein conversion of the closed configuration of the projector housing to the open configuration of the projector housing permits the light engine to be converted from a compact state to an expanded state.

14. (Original) The portable projector of claim 12, wherein at least one of the first and second portions of the projector housing remains coupled to the light engine housing when the projector housing is in the open configuration.

15. (Original) The portable projector of claim 1, wherein the projector housing includes a clamshell structure.

16. (Original) The portable projector of claim 1, wherein heat dissipation from the light engine housing is enhanced when the projector housing is in the open configuration.

17. (Currently Amended) A portable projector, comprising
a light engine having a compact state and an expanded state;
a light engine housing that at least partially encloses the light engine; and
a projector housing having a closed configuration and an open upright configuration;

wherein conversion of the closed configuration of the projector housing to the open upright configuration of the projector housing deploys the light engine in its

Page 6 - AMENDMENT
Serial No. 10/723,235
HP Docket No. 200300703-1
KH Docket No. HPCC 3B4

expanded state so that the light engine depends from the projector housing, and wherein the light engine includes projection optics that are disposed adjacent the bottom of the light engine housing in the open configuration.

18. (Original) The portable projector of claim 17, wherein the projector housing includes a first portion and a second portion, wherein the first and second portion are pivotally connected such that rotating the pivotal connection converts the closed configuration of the projector housing to the open configuration of the projector housing.

19. (Original) The portable projector of claim 17, where the light engine includes projection optics that are disposed adjacent the top of the light engine housing in the open configuration.

20. (Cancelled).

21. (Currently Amended) A portable projector, comprising
a light engine having an inoperative compact state and an operative expanded state; and

a projector housing having a closed configuration and an open configuration;
wherein, conversion of the closed configuration of the projector housing to the open configuration of the projector housing deploys the light engine in its expanded operative state in a position suspending downward from the projector housing.

22. (Original) The portable projector of claim 21, further comprising a light engine housing that at least partially encloses the light engine.

23. (Original) The portable projector of claim 22, wherein the projector housing has a first portion that is pivotally connected to the light engine housing, such that rotating the pivotal connection converts the closed configuration of the

projector housing to the open configuration of the projector housing and deploys the light engine in its expanded operative state.

24. (Original) The portable projector of claim 21, wherein the light engine includes optical components, and the optical components are configured so that when the light engine is in its expanded operative state, the optical components are properly aligned and oriented for operation of the light engine.

25. (Original) The portable projector of claim 21, wherein the light engine includes reflective optics.

26. (Original) The portable projector of claim 21, wherein the light engine includes polymer refractive elements.

27. (Currently Amended) A method of using a portable projector, where the portable projector comprises a light engine; and a projector housing having a closed configuration and an open configuration; wherein in the open configuration the projector housing supports the light engine in an upright orientation with the light engine suspended downward from the projector housing, the method comprising:

converting the projector housing from its closed configuration to its open configuration; and

projecting an image using the light engine.

28. (Original) The method of claim 27, wherein the light engine has an enclosed state and an operative state, further comprising deploying the light engine in its operative state.

29. (Original) The method of claim 27, where the light engine has a compact state and an expanded state, the method further comprising converting the light engine from the compact state to the expanded state.

30. (Original) The method of claim 27, further comprising associating the projector with a source of image data.

31. (Original) The method of claim 30, further comprising receiving image data from an image data source that is an associated computer.

32. (Original) The method of claim 31, where projecting an image includes projecting an image corresponding to the image data using the light engine.

33. (Original) The method of claim 27, wherein the projector housing includes a first portion and a second portion that are pivotally connected, and converting the projector housing from its closed configuration to its open configuration includes rotating the pivotal connection.

34. (Currently Amended) A method of manufacturing a portable projector, comprising:

providing a light engine;

providing a projector housing having a closed configuration and an open configuration; and

disposing the light engine within the projector housing such that when the projector housing is in its open configuration the projector housing supports the light engine in an operative state and in a position suspending downward from the projector housing.

35. (Original) The method of claim 34, wherein the light engine has a compact state and an expanded state, and disposing the light engine within the projector housing includes configuring the light engine so that it is at least partially enclosed by the housing in its compact state.

36. (Original) The method of claim 34, wherein providing the projector housing includes providing a first housing portion and a second housing portion, where the first and second housing portions are configured to form a clamshell structure that at least partially encloses the light engine in the closed configuration.

37. (Original) The method of claim 34, wherein the light engine includes optical components, and disposing the light engine within the projector housing includes configuring the optical components so that when the light engine is in the deployed operative state, the optical components are aligned and oriented properly for projection of images.

38. (Currently Amended) A projector system, comprising:

a portable projector, including a light engine having a compact state and an expanded state, and a projector housing having a closed configuration and an open configuration, wherein in the closed configuration the projector housing encloses the light engine, and in the open configuration the projector housing supports the light engine in an upright orientation with the light engine suspended downward from the projector housing.

39. (Original) The portable projector of claim 38, wherein the light engine has a compact state and an expanded state, and wherein in the closed configuration the projector housing encloses the light engine in its compact state, and in the open configuration the projector housing supports the light engine in its expanded state.

Page 10 - AMENDMENT
Serial No. 10/723,235
HP Docket No. 200300703-1
KH Docket No. HPCC 384

40. (Original) The projector system of claim 38, further comprising an associated source of image data.

41. (Original) The projector system of claim 38, further comprising a display surface.

42. (Original) A portable projector, comprising
projection means; and

housing means having a closed configuration and an open configuration;
wherein in the closed configuration the housing means at least partially encloses the
projection means, and in the open configuration the housing means supports the
projection means in an operative state suspending downward from the housing
means.

43. (New) The portable projector of claim 1, wherein the projector housing
is configured to support the light engine above a surface on which the projector
housing is set.